

ILLINOIS

WEATHER & CROPS



Released: JUNE 30, 1980, 3 P.M., CDT

DOC, NOAA, NATIONAL WEATHER SERVICE

CROP HI-LITES

*** Wheat - 85% ripe, 10% combined
 *** Soil Moisture - 2% surplus
 58% adequate
 40% short

CORN crop condition as of June 27 was reported as 12% excellent, 79% good, and 9% fair. The average height of corn in all fields was 41 inches as of June 29 compared to 30 inches in 1979 and the 5-year average of 38 inches. The height of the most advanced fields was 56 inches compared to 45 inches last year and the average of 54 inches.

The crop condition for SOYBEANS was reported as 6% excellent, 53% good, and 41% fair. Comments indicated that the crop was recovering from earlier chemical damage.

WINTER WHEAT condition on June 27 was reported as 11% excellent, 82% good, and 7% fair. As of June 29 about 85% of the crop was ripe compared to 80% last year and 83% for the 5-year average. Harvest was about 10% complete compared to 24% last year and the average of 38 percent.

The OATS crop condition was reported as 7% excellent, 72% good, 17% fair, and 4% poor. About 75% of the crop was filled compared to 76% in 1979 and an average of 74 percent. Approximately 15% of the crop was turning yellow compared to 18% last year and the average of 28%.

ALFALFA HAY second cutting was about 25% complete compared to 30% last year and 24% for the 5-year average. Alfalfa condition was reported as 12% excellent, 74% good, and 14% fair.

CLOVER HAY was 90% cut compared to 89% last year and the 5-year average of 91% percent. Clover condition was reported as 13% excellent, 78% good, and 9% fair.

PASTURES were reported as 6% excellent, 62% good, 30% fair, and 2% poor. A few reports of livestock suffering from the heat were noted.

SOIL MOISTURE as of Friday, June 27 was reported as 2% surplus, 58% adequate, and 40% short. The southern portion of the state was the only area where soil moisture was improved over the previous week.

There were 6.00 DAYS SUITABLE for FIELDWORK for the week ending June 27.

MOTOR FUEL SUPPLIES for agricultural uses were generally adequate throughout the state.

MAJOR ACTIVITIES included haying, weed control on row crops and preparing for the small grain harvest.

WEATHER

TEMPERATURES for the period of June 23-29 over the State were above the weekly normals with the northwest corner having the largest departures of +6 degrees. The balance of the State ranged from 2 to 4 degrees above the weekly normal, except in the extreme South where there was a one-degree departure.

PRECIPITATION resulting from thunderstorm activity at the beginning and end of the week dropped over 4 inches of rain in the extreme South (Cairo-Paducah, Kentucky area), 1 to 3 inches in the Southern third of the State, and 1 inch in the northwest corner of the State. Spotty rainfall amounts varying from a trace to near one-quarter of an inch were widespread over the balance of the State.

The OUTLOOK for July 2 through July 6 indicates above normal temperatures and below normal precipitation.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Days suitable for fieldwork: (week ending June 27)	6.5	7.0	7.0	6.5	5.5	6.0	5.0	5.5	5.5	6.00	
Soil Moisture %:											
as of June 27) Short	22	75	20	33	10	67	45	62	25	40	
Adequate	71	25	80	67	80	33	55	38	75	58	
Surplus	7	--	--	--	10	--	--	--	--	2	



AGR-101

OFFICIAL BUSINESS

Illinois Weather & Crops
June 30, 1980

ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	April	May	May 26- June 1	June 2-8	June 9-15	June 16-22	June 23-29
Chicago	-3	0	+7	0	-6	-8	+3
Moline	-2	-2	+7	+3	-3	-8	+3
Springfield	-2	+4	+9	+3	-2	-7	+4
So. Central	-3	-1	+4	+5	-3	-6	+3

STATION	JUNE 27			JUNE 30			
	Temperatures			Growing Degree Days*			
	Week ending Fri. 6 A.M.	Week ending Mon. 6 A.M.		Current: 3-year	Totals: 1979	Totals: 1980	
	Maxi- mum	Mini- mum	Aver- age	week	avg.		
Dubuque, IA	--	--	--	168	1098	971	1128
Moline	93	51	73	159	1317	1210	1199
Rockford	91	51	74	162	1192	1037	1051
Chi. O'Hare	91	51	72	158	1217	1058	995
Quincy	94	54	76	190	1424	1335	1379
Decatur	93	54	74	177	1402	1294	1242
Peoria	91	55	73	165	1308	1172	1184
Springfield	95	51	75	179	1454	1292	1322
Cairo	91	63	77	191	1684	1523	1536
St. Louis	--	--	--	194	1576	1484	1508

* Totals are accumulated from April 1.

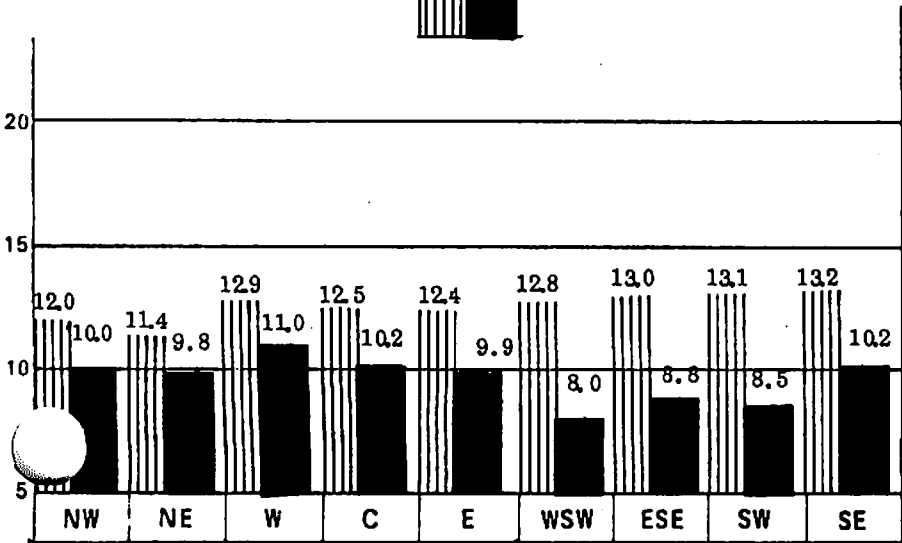
Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 30 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-June 30

Apr. 1- June 26



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PRECIPITATION:

First figure--current week, June 20-26
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing, T--Trace.

